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Ontario L1E 2P2 (CA). BOMBSKI, Boguslaw [CA/CA];
6 Dewitt Road, Etobicoke, Ontario M9B 3E1 (CA).

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(74) Agents: **PORAT, Alex et al.**; Magna International INC.,
337 Magna Drive, Aurora, Ontario L4G 7K1 (CA).

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(71) Applicant (for all designated States except US): **INTIER
AUTOMOTIVE CLOSURES INC.** [CA/CA]; 521 New-
park Boulevard, Newmarket, Ontario L3Y 4X7 (CA).

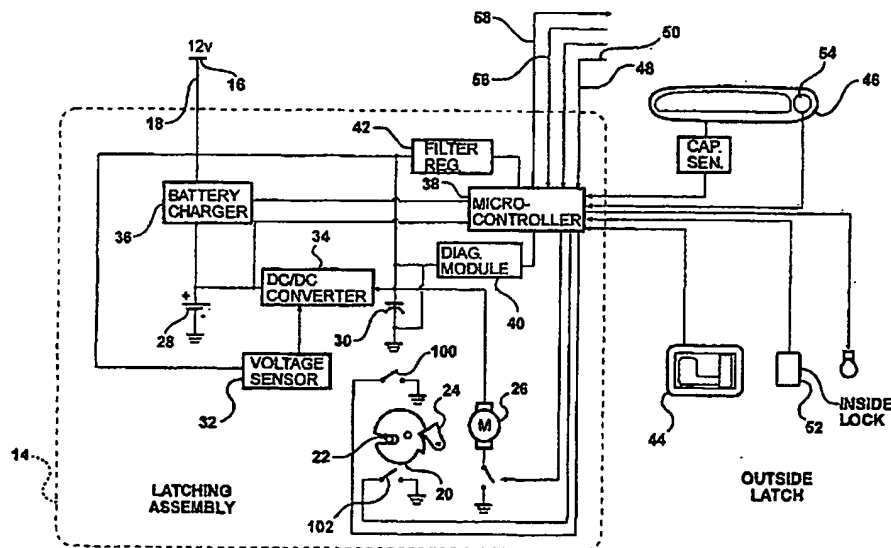
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(72) Inventors; and

(75) Inventors/Applicants (for US only): **MEKKY, Tony**
[CA/CA]; 515-141 Davisville Avenue, Toronto, Ontario
M4S 1G7 (CA). **PRIBISIC, Mirko** [CA/CA]; 6 Bally-
mena Court, North York, Ontario M3C 2B9 (CA). **BAGG,
Jonathan** [CA/CA]; 1421 Prestonvale Road, Courtice,

[Continued on next page]

(54) Title: E-LATCH WITH MICROCONTROLLER ONBOARD LATCH AND INTEGRATED BACKUP ENERGY



(57) Abstract: A latching assembly is used on a door of a motor vehicle, wherein the motor vehicle includes a main electric supply and a striker. The latching assembly includes a ratchet that is selectively rotatable with respect to the striker to latch and unlatch the door. The latching assembly includes a pawl that is selectively engagable with the ratchet to selectively prevent the ratchet from rotating. The latching assembly includes a motor which is electrically connected to the main electric power supply. The motor is operatively connected to the pawl for pivoting the pawl into and out of engagement with the ratchet. The latching assembly also includes a backup battery disposed adjacent the motor for supplying electric power when the motor is disconnected from the main electric supply.